



**MATERIAL SAFETY DATA SHEET**  
**REMANUFACTURED CANON PGI-225/PGI-525 Bk**

**SECTION 1: IDENTIFICATION**

<b>MANUFACTURER:</b>	Clover Technologies	<b>EMERGENCY NUMBER:</b>	(815) 431-8100
<b>ADDRESS:</b>	515 Union St. Ithaca, MI 48847	<b>INFORMATION NUMBER:</b>	(815) 431-8100
		<b>DATE OF REVISION:</b>	April 24, 2012

**SECTION 2: PRODUCT COMPONENTS**

INGREDIENTS	CAS#.	WT. %
Water		70 - 75%
Carbon Black Dispersion		
Modifiers & Auxiliaries (tensides) with additional glycols		
Alcoholic Mixtures and mixture of additional alcohols		5 - 8%
Solvent		0.5 - 2%

Refer to Section 8 for occupational exposure limits.

**SECTION 3: HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW:** This product contains a black liquid with a mild odor.

Not classified as dangerous.

Product contains no harmful or irritant organic solvents.

Contact with the skin or eyes may cause moderate irritation. May cause sensitization

Inhalation of vapors or mists has no known or reported effects.

Swallowing may cause gastrointestinal irritation.

See Section 11 for detailed health effects information.

**SECTION 4: EMERGENCY and FIRST AID PROCEDURES**

**INGESTION:** Call a poison control center or doctor immediately for treatment advice. If conscious, give one 8 ounce glass of water to dilute. DO NOT induce vomiting unless directed by medical personnel. Do not give anything by mouth to or induce vomiting in a person who is unconscious or convulsing.

**SKIN CONTACT:** Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation develops and persists. Launder contaminated clothing before reuse. Discard contaminated clothing such as shoes that cannot be decontaminated.

**EYE CONTACT:** Flush eyes with water for 15 minutes while lifting the upper and lower lids. If necessary, get medical attention.



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**SECTION 5: FIRE and EXPLOSION HAZARD DATA**

**FLASH POINT:** None

**AUTOIGNITION TEMPERATURE:** Not available

**FLAMMABLE LIMITS:** (vol % in air) LEL:

UEL:

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide and dry chemical.

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool fire exposed containers and structures with water.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Wear appropriate protective clothing as described in Section 8. Dike spill and absorb with an inert material. Collect into closable containers for proper disposal. Report spill as required by local and federal regulations.

**SECTION 7: HANDLING and STORAGE**

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Protect containers from physical damage. Store in a cool (68°F), dry area away from oxidizers and other incompatible materials.

Avoid contact with eyes, skin and clothing. Use with adequate ventilation. Remove and launder contaminated clothing before re-use. Wash thoroughly after handling and before eating, drinking, smoking or using toilet facilities.

**SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION**

INGREDIENTS	CAS#.	EXPOSURE LIMITS

**EXPOSURE LIMITS:** Use in a well ventilated area.

**PERSONAL PROTECTIVE EQUIPMENT:** Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**PROTECTIVE CLOTHING:** Use personal protective equipment to minimize exposure to skin and eyes.

**SECTION 9: PHYSICAL and CHEMICAL PROPERTIES**

**BOILING POINT (@760 mmHg):** 212°F

**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.02 – 1.06

**VAPOR PRESSURE:** 17.5 mmHg

**VAPOR DENSITY (Air=1):** Heavier than air

**SOLUBILITY IN WATER:** Complete

**APPEARANCE:** Black liquid

**FREEZING POINT:** Not available

**COEFFICIENT of WATER/OIL:** Not available

**EVAPORATION RATE:** < Butyl Acetate

**pH:** 7.0 – 8.0



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**SECTION 10: STABILITY and REACTIVITY**

**STABILITY:** Stable.

**CONDITIONS TO AVOID:** None known.

**HAZARDOUS DECOMPOSITION PRODUCTS:** No thermal corrosion if properly stored and handled.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**SECTION 11: TOXICOLOGICAL INFORMATION**

**TOXICOLOGY DATA:** Toxicity values for this chemical are: Not applicable

**SECTION 12: ECOLOGICAL INFORMATION**

**ECOLOGICAL DATA:** Not applicable

**SECTION 13: DISPOSAL INFORMATION**

**WASTE DISPOSAL METHOD:** Dispose of in accordance with all local, state and federal regulations.

**SECTION 14: TRANSPORTATION INFORMATION**

**DOMESTIC TRANSPORTATION**

**DOT SHIPPING NAME:** Not Regulated

**DOT HAZARD CLASSIFICATION:** Not Regulated

**DOT LABELS REQUIRED (49CFR172.101):** Not Applicable

**UN NUMBER:** None

**INTERNATIONAL TRANSPORTATION**

**IMDG SHIPPING NAME:** Not Regulated

**IMDG CLASS:** Not Regulated

**UN NUMBER:** Not Applicable

**IMDG LABEL:** None

**SECTION 15: REGULATORY INFORMATION**

**OSHA HAZARD CLASSIFICATION:** Not applicable

**EPA SARA 311 HAZARD CLASSIFICATION:** Not applicable

**SARA TITLE 111 SECTION 313 INFORMATION:** This product contains the following chemicals that are regulated under SARA 313:

COMPONENT	CAS#	WT%
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**CERCLA HAZARDOUS SUBSTANCE (40CFR 116):** Not applicable

**REPORTABLE QUANTITY:** Not applicable

**CALIFORNIA PROPOSITION 65 INFORMATION:** This product contains no California Proposition 65 regulated chemicals.



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<b>SECTION 16: OTHER INFORMATION</b>
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<b>NFPA Rating:</b> Health = 1	Fire = 0	Reactivity = 0
<b>HMIS Rating:</b> Health = 1	Fire = 0	Reactivity = 0

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application. The observation of existing laws and determines is the own responsibility of the users.